

# Pamela L. Marples

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**Objective:** A mathematics-related position in an organization interested in the ability to quickly learn and use new information, and a proven record of effective communication of complex material

**Summary:** Highly effective instructor of mathematics, with a record of teaching awards, commendations from administration and excellent student evaluations. Quick learner and logical thinker capable of making connections between disparate pieces of information.

## Skills and Accomplishments:

- Converted Precalculus Algebra course from paper-and-pencil to computer-based format
- Supervised multiple instructors teaching sections of computer-based Precalculus Algebra course
- Numerous testimonials to teaching effectiveness, including the College of Science teaching award in 2005, and the highest student evaluation scores for an undergraduate course in the Department of Mathematical Sciences on two occasions
- Facilitated the introduction of computer-based homework system to Elementary Statistics

## Experience:

- Berry College, Mathematics Department; Lecturer of Mathematics, August 2016-present. Courses taught include Nature of Mathematics, Elementary Statistics, Applied Calculus, Calculus I, Calculus II, Multivariable Calculus, Probability and Statistics, Linear Algebra, Discrete Structures, Designing Programs, Special Topics in Graph Theory, and Senior Seminar.
- Berry College, Mathematics Department; Visiting Lecturer of Mathematics, 2013-May 2016. Courses taught include Precalculus, Calculus 1 – 3, Probability and Statistics, Applied Calculus, and Statistics. Carried a heavy course load, while receiving excellent student evaluations.
- University of Alabama in Huntsville, Department of Mathematical Sciences; Graduate Teaching Assistant, Lecturer, Adjunct Lecturer; 2001 – 3013. Was responsible for conversion of Precalculus Algebra to computer-based format, as well as setting up the course each semester and supervising the instructors. Taught Precalculus Algebra, Precalculus Trigonometry, Calculus A – C, Linear Algebra, Differential Equations, Math for Elementary School Teachers, and Foundations of Mathematics.
- US Department of Defense; Cryptologic Mathematician; 1988-1990. Top Secret Codeword clearance. Projects included studying the effects of fuzziness in modem signals, researching potential cryptosystems, and creating test systems.

## Education:

- Doctor of Philosophy in Applied Mathematics, The University of Alabama in Huntsville, 2016, Graph Theory major, Thesis title, *Graph Sharing Parameters*. GPA = 4.00
- Masters Degree in Mathematics, The University of Alabama in Huntsville, 2003, Graph Theory major, GPA = 4.00
- Masters Degree in Mathematics, The University of Delaware, 1988; combinatorics major; GPA = 3.54
- Masters Degree in Mathematics, Marshall University, 1985; statistics major, GPA = 4.00
- Bachelors Degree with honors, Marshall University, 1984; mathematics major, GPA = 3.60